List of Publications

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1. Dan Cheng, Yujun Feng, Meng Ding, **Debasis Pal** and Johan Nilsson, "Ultrashort Pulse Generation in Modeless Laser Cavity," Journal of Lightwave Technology, Vol. 40, pp. 3954-3967 (2022)
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1. **Debasis Pal** and Johan Nilsson, "Small-signal amplification at 2.3 μm in Cr2+:ZnSe with single-mode-pumping at 1.9 μm," JW3A.3, 11-15 December 2022 Laser Congress and Exhibition, Barcelona, Spain
2. Atasi Pal, **Debasis Pal**, Sourav Das Chowdhury, Krishnendu Maiti and Ranjan Sen, "Interaction of thulium fiber laser with urinary stone: effect of laser parameter on fragmented particle size and retropulsion," Photonics West (SPIE BIOS), Proceedings of SPIE, Optical Interactions with Tissue and Cells XXX, vol. 10876, pp.108760X (2019)
3. **Debasis Pal,** Sourav Das Chowdhury, Ranjan Sen and Atasi Pal, "QCW thulium fiber laser at 1.94 μm for kidney stone fragmentation," National Laser Symposium-27, RRCAT, Indore, India (2018)
4. Sourav Das Chowdhury, Atasi Pal, **Debasis Pal**, Sayan Chatterjee, Mukul C. Paul, Ranjan Sen and Mrinmay Pal, "Sub 100 ns Tm gain-switched fiber laser pumped by rectangular pulse Er:Yb fiber laser and effect on tissue ablation," IEEE Workshop on Recent Advances in Photonics (WRAP), Mahindra École Centrale, Hyderabad, India (2017)
5. **Debasis Pal,** Ranjan Sen and Atasi Pal, "Gain-switched all-fiber holmium laser at 2.1 micron," IEEE Workshop on Recent Advances in Photonics (WRAP), Mahindra École Centrale, Hyderabad, India (2017)
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7. Reinhard Caspary, Robert Evert, **Debasis Pal,** Atasi Pal and Ranjan Sen, "Universal fiber laser model used for the simulation of 2 μm thulium fiber lasers," 19th International Conference on Transparent Optical Networks (ICTON), Girona, Spain (2017)
8. Atasi Pal, **Debasis Pal,** Sourav Das Chowdhury and Ranjan Sen, "All-fiber laser at 1.94 μm: effect on soft tissue," Photonics West (SPIE BIOS), Proceedings of SPIE, Optical Interactions with Tissue and Cells XXVIII, vol. 10062, pp. 100620A-1 (2017)
9. **Debasis Pal,** Ranjan Sen and Atasi Pal, "All-fiber CW and nano-second pulse laser at 1940 nm for tissue surgery," National Laser Symposium-25, KIIT, Bhubaneswar, India (2016)

10. **Debasis Pal,** Anirban Dhar, Ranjan Sen and Atasi Pal, "All-fiber holmium Laser at 2.1 µm under in-band pumping," 13th International Conference on Fiber Optics and Photonics, Optical Society of America, IIT Kanpur, India (2016)
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13. Aditi Ghosh, **Debasis Pal,** Ranjan Sen and Atasi Pal, "Fiber laser at 2 µm for soft tissue surgery," Photonics Asia (SPIE/COS), Proceedings of SPIE, High-Power Lasers and Applications VII, vol. 9266, pp. 92660E (2014)

Bulletin:

1. Ranjan Sen, Mrinmay Pal, Atasi Pal, Anirban Dhar, Maitreyee Saha, Sourav Das Chowdhury, Nishant K. Shekhar, **Debasis Pal** and Aditi Ghosh, "Fiber laser technology-current status and activities by CSIR-CGCRI," Kiran, Indian Laser Association, vol. 25 (2014)

Supporting documentary evidences:

1. Research gate Profile: https://www.researchgate.net/profile/Debasis-Pal
2. Google Scholar Profile:

List of Publications of Dr. Debasis Pal, Scientist, CSIR-CGCRI, Kolkata

https://scholar.google.com/citations?user=5ZwO7LIAAAAJ&hl=en

All Journal and Conference Papers are available in the Research gate and Google scholar account.